m/s Vinayaka Builders – (Prop: Kumar Reddy K.)

Improvements to Roads and Drains at Anjanadri Layout and Surrounding Area in Ward No 06 Thanisandra

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Part Bill

BOOK NO - 01

006 - 21 - 000009

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Anjanadri Layout and Surrounding Area in Ward No 06 Thanisandra

Pre Measurement Sheet

First amd part bill

Client: Sri vinaya Builders Prop.Kumar Raju K No: 10 Gokuka Nilaya, Dhanalakshmi L/O,Opp Indian oil Petrol Bank, Thindlu Main, Road, Bangalore-97

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.03		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		18.02.2024									
		For Drain									
		Anjanadri layout,Noor Mazidh road, 3rd cross									
-		**From Mathapithrunilaya to main road**									
		LHS									
0	9.5		Cum	1	9.5	1.40	1.40	1.4	1.05	13.97	
9.5	13.2		Cum	1	3.7	1.40	1.40	1.4	1.05	5.44	
13.2	28.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
28.2	43.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
43.2	58.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
58.2	73.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
73.2	88.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
88.2	103.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
103.2	118.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
118.2	132.2		Cum	1	14	1.40	1.40	1.4	1.05	20.58	
		4th cross from main road to dead end									
		LHS									
0	22		Cum	1	22	1.40	1.40	1.4	1.05	32.34	
22	25.1	Culvert Break									
25.1	34.8		Cum	1	9.7	1.40	1.40	1.4	1.05	14.26	
34.8	37.9	Culvert Break									
37.9	53.6		Cum	1	15.7	1.40	1.40	1.4	1.05	23.08	
53.6	57.9	Culvert Break									
57.9	72.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
72.9	87.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
87.9	102.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
102.9	117.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
117.9	125.9		Cum	1	8	1.40	1.40	1.4	1.05	11.76	
		MNK Vidyakendra main road									
		LHS									
0	13		Cum	1	13	1.4	1.4	1.4	1.2	21.84	
13	18.8	No work house break									
18.8	23.25	New CC Culvert									
23.25	38.25		Cum	1	15	1.4	1.4	1.4	1.2	25.20	
38.25	53.25		Cum	1	15	1.4	1.4	1.4	1.2	25.20	
53.25	68.85		Cum	1	15.6	1.4	1.4	1.4	1.2	26.21	
68.85	72.65	New CC Culvert									

462.42

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 18.02.2024 ASSISTANT EXECUTIVE ENGINEER 18/2/2024

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
72.65	91.65		Cum	1	19	1.4	1.4	1.4	1.2	31.92	
91.65	95.45	New CC Culvert									
95.45	121.45		Cum	1	26	1.4	1.4	1.4	1.2	43.68	
121.45	125.75	New CC Culvert									
		Day care Tuition Road									
		LHS									
0	24.6		Cum	1	24.6	1.3	1.3	1.3	0.9	28.78	
24.6	28.3	New CC Culvert									
28.3	41.5		Cum	1	13.2	1.3	1.3	1.3	0.9	15.44	
41.5	54.5		Cum	1	13	1.3	1.3	1.3	0.9	15.21	
54.5	58.9	CC Culvert									
58.9	65		Cum	1	6.1	1.3	1.3	1.3	0.89	7.06	
65	84.2		Cum	1	19.2	1.3	1.3	1.3	0.9	22.46	
84.2	89.2	CC Culvert									
89.2	114.8		Cum	1	25.6	1.3	1.3	1.3	0.9	29.95	
114.8	119.15	CC Culvert									
119.15	145.55		Cum	1	26.4	1.3	1.3	1.3	0.9	30.89	
145.55	149.25	CC Culvert									
149.25	174.35		Cum	1	25.1	1.3	1.3	1.3	0.9	29.37	
174.35	176.85	CC Culvert									
176.85	202.55		Cum	1	25.7	1.3	1.3	1.3	0.9	30.07	
202.55	206.25	CC Culvert									
206.25	230.25		Cum	1	24	1.3	1.3	1.3	0.9	28.08	
230.25	233.95	CC Culvert									
233.95	259.25		Cum	1	25.3	1.3	1.3	1.3	0.9	29.60	
259.25	262.95	CC Culvert									
262.95	280.15		Cum	1	17.2	1.3	1.3	1.3	0.9	20.12	
		RHS									
0	13.2		Cum	1	13.2	1.3	1.3	1.3	0.9	15.44	
13.2	43.2		Cum	1	30	1.3	1.3	1.3	0.9	35.10	
43.2	61.7		Cum	1	18.5	1.3	1.3	1.3	0.9	21.65	
61.7	71.2	B.S.Slab	Cum	1	9.5	1.3	1.3	1.3	0.9	11.12	
71.2	86.2		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
86.2	101.2		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
101.2	112.8		Cum	1	11.6	1.3	1.3	1.3	0.9	13.57	
112.8	117.8	B S Slab	Cum	1	5	1.3	1.3	1.3	0.9	5.85	
117.8	132.8		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
132.8	147.8		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
147.8	162.8		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
162.8	177.8		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
177.8	186.6		Cum	1	8.8	1.3	1.3	1.3	0.9	10.30	
186.6	189.4	B.S.Slab	Cum	1	2.8	1.3	1.3	1.3	0.9	3.28	
189.4	199.4		Cum	1	10	1.3	1.3	1.3	0.9	11.70	
199.4	202.6	B.S.Slab	Cum	1	3.2	1.3	1.3	1.3	0.9	3.74	
202.6	217.6		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
217.6	232.6		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
232.6	247.6		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
247.6	262.6		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
262.6	279.1		Cum	1	16.5	1.3	1.3	1.3	0.9	19.31	
		6th Cross Road CC Drain									
		From Main Road to Madaraja									
0	15		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
15	30		Cum	1	15	1.3	1.3	1.3	0.89	17.36	

CIVIL Pro Sig..... Date..... BANGALORE

T24-09

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
30	46.5		Cum	1	16.5	1.3	1.3	1.3	0.89	19.09	
		8th Cross Road	Cum								
		From Main Road to Dead end	Cum								
		RHS	Cum								
0	26.2		Cum	1	26.2	1.30	1.30	1.3	0.9	30.65	
		9th Cross Road	Cum								
		From Main Road to Dead end	Cum								
0	26.2		Cum	1	26.2	1.30	1.30	1.3	0.9	30.65	
		6th Cross, Cross Road									
0	15		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
15	30		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
30	45		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
45	60		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
60	67.2		Cum	1	7.2	1.3	1.3	1.3	0.9	8.42	
67.2	71.2	CC culvert									
71.2	86.2		Cum	1	15	1.30	1.30	1.3	0.9	17.55	
86.2	101.2		Cum	1	15	1.30	1.30	1.3	0.9	17.55	
101.2	108.8		Cum	1	7.6	1.30	1.30	1.3	0.9	8.89	
		Nagalamma Temple Road									
		From Gentle wing shop to main road									
		LHS									
0	15		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
15	30		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
30	45		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
45	60		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
60	81.1		Cum	1	21.1	1.3	1.3	1.3	0.9	24.69	
81.1	85.1	CC culvert									
85.1	100.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
100.1	115.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
115.1	130.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
130.1	145.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
145.1	160.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
160.1	175.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
175.1	190.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
190.1	205.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
205.1	220.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
220.1	235.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
235.1	250.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
250.1	265.1		Cum	1	15	1.3	1.3	1.3	0.9	17.55	
265.1	286		Cum	1	20.9	1.3	1.3	1.3	0.9	24.45	
		For Culvert									
		4th cross from main road to dead end									
			Cum	1	3.1	1.3	1.3	1.3	1.1	4.43	
			Cum	1	3.1	1.3	1.3	1.3	1.1	4.43	
			Cum	1	4.3	1.3	1.3	1.3	1.1	6.15	
		MNK Vidyakendra main road									
			Cum	1	4.45	1.3	1.3	1.3	1.25	7.23	
			Cum	1	3.8	1.3	1.3	1.3	1.25	6.18	
			Cum	1	3.8	1.3	1.3	1.3	1.25	6.18	

567.55

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 18.02.2024 ASSISTANT EXECUTIVE ENGINEER 18/2/2024

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
			Cum	1	4.3	1.3	1.3	1.3	1.25	6.99	
		Day care Tuition Road									
		LHS									
			Cum	1	3.7	1.3	1.3	1.3	0.95	4.57	
			Cum	1	4.4	1.3	1.3	1.3	0.95	5.43	
			Cum	1	5	1.3	1.3	1.3	0.95	6.18	
			Cum	1	4.35	1.3	1.3	1.3	0.95	5.37	
			Cum	1	3.7	1.3	1.3	1.3	0.95	4.57	
			Cum	1	2.5	1.3	1.3	1.3	0.95	3.09	
			Cum	1	3.7	1.3	1.3	1.3	0.95	4.57	
			Cum	1	3.7	1.3	1.3	1.3	0.95	4.57	
			Cum	1	3.7	1.3	1.3	1.3	0.95	4.57	
		6th Cross, Cross Road									
			Cum	1	4	1.3	1.3	1.3	0.95	4.94	
		Nagalamma Temple Road									
		From Gentle wing shop to main road									
		LHS	Cum								
			Cum	1	4	1.4	1.4	1.4	0.95	5.32	
									Total Executed Quantity	**1814.23**	
									Qty Carried to Summary	**1814.23**	

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 18.02.2024 ASSISTANT EXECUTIVE ENGINEER 18/2/2024

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.4		Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications, and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		26.2.21									
		For Drain									
		Anjanadri layout,Noor Mazidh road, 3rd cross									
		From Mathapithrunilaya to main road									
		LHS									
0	9.5		Cum	1	9.5	1.30	1.30	1.30	0.15	1.85	
9.5	13.2		Cum	1	3.7	1.30	1.30	1.30	0.15	0.72	
13.2	28.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
28.2	43.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
43.2	58.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
58.2	73.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
73.2	88.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
88.2	103.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
103.2	118.2		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
118.2	132.2		Cum	1	14	1.30	1.30	1.30	0.15	2.73	
		4th cross from main road to dead end									
		LHS									
0	22		Cum	1	22	1.30	1.30	1.30	0.15	4.29	
22	25.1	Culvert Break	Cum								
25.1	34.8		Cum	1	9.7	1.30	1.30	1.30	0.15	1.89	
34.8	37.9	Culvert Break	Cum								
37.9	53.6		Cum	1	15.7	1.30	1.30	1.30	0.15	3.06	
53.6	57.9	Culvert Break	Cum								
57.9	72.9		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
72.9	87.9		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
87.9	102.9		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
102.9	117.9		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
117.9	125.9		Cum	1	8	1.30	1.30	1.30	0.15	1.56	
		MNK Vidyakendra main road									
		LHS									
0	13		Cum	1	13	1.3	1.3	1.30	0.15	2.54	
13	18.8	No work house break									
18.8	23.25	New CC Culvert									
23.25	38.25		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
38.25	53.25		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
53.25	68.85		Cum	1	15.6	1.3	1.3	1.30	0.15	3.04	
68.85	72.65	New CC Culvert									
72.65	91.65		Cum	1	19	1.3	1.3	1.30	0.15	3.71	
91.65	95.45	New CC Culvert									
95.45	121.45		Cum	1	26	1.3	1.3	1.30	0.15	5.07	

68.48

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 26.02.2021 ASSISTANT EXECUTIVE ENGINEER 26/2/2021

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
121.45	125.75	New CC Culvert									
		Day care Tuition Road									
		LHS									
0	24.6		Cum	1	24.6	1.3	1.3	1.30	0.15	4.80	
24.6	28.3	New CC Culvert									
28.3	41.5		Cum	1	13.2	1.3	1.3	1.30	0.15	2.57	
41.5	54.5		Cum	1	13	1.3	1.3	1.30	0.15	2.54	
54.5	58.9	CC Culvert									
58.9	65		Cum	1	6.1	1.3	1.3	1.30	0.15	1.19	
65	84.2		Cum	1	19.2	1.3	1.3	1.30	0.15	3.74	
84.2	89.2	CC Culvert									
89.2	114.8		Cum	1	25.6	1.3	1.3	1.30	0.15	4.99	
114.8	119.15	CC Culvert									
119.15	145.55		Cum	1	26.4	1.3	1.3	1.30	0.15	5.15	
145.55	149.25	CC Culvert									
149.25	174.35		Cum	1	25.1	1.3	1.3	1.30	0.15	4.89	
174.35	176.85	CC Culvert									
176.85	202.55		Cum	1	25.7	1.3	1.3	1.30	0.15	5.01	
202.55	206.25	CC Culvert									
206.25	230.25		Cum	1	24	1.3	1.3	1.30	0.15	4.68	
230.25	233.95	CC Culvert									
233.95	259.25		Cum	1	25.3	1.3	1.3	1.30	0.15	4.93	
259.25	262.95	CC Culvert									
262.95	280.15		Cum	1	17.2	1.3	1.3	1.30	0.15	3.35	
		RHS									
0	13.2		Cum	1	13.2	1.3	1.3	1.30	0.15	2.57	
13.2	43.2		Cum	1	30	1.3	1.3	1.30	0.15	5.85	
43.2	61.7		Cum	1	18.5	1.3	1.3	1.30	0.15	3.61	
61.7	71.2	B.S.Slab	Cum	1	9.5	1.3	1.3	1.30	0.15	1.85	
71.2	86.2		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
86.2	101.2		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
101.2	112.8		Cum	1	11.6	1.3	1.3	1.30	0.15	2.26	
112.8	117.8	B S Slab	Cum	1	5	1.3	1.3	1.30	0.15	0.98	
117.8	132.8		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
132.8	147.8		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
147.8	162.8		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
162.8	177.8		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
177.8	186.6		Cum	1	8.8	1.3	1.3	1.30	0.15	1.72	
186.6	189.4	B.S.Slab	Cum	1	2.8	1.3	1.3	1.30	0.15	0.55	
189.4	199.4		Cum	1	10	1.3	1.3	1.30	0.15	1.95	
199.4	202.6	B.S.Slab	Cum	1	3.2	1.3	1.3	1.30	0.15	0.62	
202.6	217.6		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
217.6	232.6		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
232.6	247.6		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
247.6	262.6		Cum	1	15	1.3	1.3	1.30	0.15	2.93	
262.6	279.1			1	16.5	1.3	1.3	1.30	0.15	3.22	

102.28

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 26.02.2024 ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
		6th Cross Road CC Drain									
		From Main Road to Madaraja									
0	15		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
15	30		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
30	46.5		Cum	1	16.5	1.30	1.30	1.30	0.15	3.22	
		8th Cross Road									
		From Main Road to Dead end									
		RHS									
0	26.2		Cum	1	26.2	1.15	1.15	1.15	0.15	4.52	
		9th Cross Road									
		From Main Road to Dead end									
0	26.2		Cum	1	26.2	1.20	1.20	1.20	0.15	4.72	
		6th Cross, Cross Road									
0	15		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
15	30		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
30	45		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
45	60		Cum	1	15	1.30	1.30	1.30	0.15	2.93	
60	67.2		Cum	1	7.2	1.30	1.30	1.30	0.15	1.40	
67.2	71.2	CC culvert									
71.2	86.2		Cum	1	15	1.20	1.20	1.20	0.15	2.70	
86.2	101.2		Cum	1	15	1.20	1.20	1.20	0.15	2.70	
101.2	108.8		Cum	1	7.6	1.20	1.20	1.20	0.15	1.37	
		Nagalamma Temple Road									
		From Gentle wing shop to main road									
		LHS									
0	15		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
15	30		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
30	45		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
45	60		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
60	81.1		Cum	1	21.1	1.2	1.2	1.20	0.15	3.80	
81.1	85.1	CC culvert									
85.1	100.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
100.1	115.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
115.1	130.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
130.1	145.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
145.1	160.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
160.1	175.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
175.1	190.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
190.1	205.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
205.1	220.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
220.1	235.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
235.1	250.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
250.1	265.1		Cum	1	15	1.2	1.2	1.20	0.15	2.70	
265.1	286		Cum	1	20.9	1.2	1.2	1.20	0.15	3.76	

88.94

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 26.02.2024 ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
		For Culvert									
		4th cross from main road to dead end									
			Cum	1	3.1	1.2	1.2	1.20	0.15	0.56	
			Cum	1	3.1	1.2	1.2	1.20	0.15	0.56	
			Cum	1	4.3	1.2	1.2	1.20	0.15	0.77	
		MNK Vidyakendra main road									
			Cum	1	4.45	1.2	1.2	1.20	0.15	0.80	
			Cum	1	3.8	1.2	1.2	1.20	0.15	0.68	
			Cum	1	3.8	1.2	1.2	1.20	0.15	0.68	
			Cum	1	4.3	1.2	1.2	1.20	0.15	0.77	
		Day care Tuition Road									
		LHS									
			Cum	1	3.7	1.2	1.2	1.20	0.15	0.67	
			Cum	1	4.4	1.2	1.2	1.20	0.15	0.79	
			Cum	1	5	1.2	1.2	1.20	0.15	0.90	
			Cum	1	4.35	1.2	1.2	1.20	0.15	0.78	
			Cum	1	3.7	1.2	1.2	1.20	0.15	0.67	
			Cum	1	2.5	1.2	1.2	1.20	0.15	0.45	
			Cum	1	3.7	1.2	1.2	1.20	0.15	0.67	
			Cum	1	3.7	1.2	1.2	1.20	0.15	0.67	
			Cum	1	3.7	1.2	1.2	1.20	0.15	0.67	
		6th Cross, Cross Road									
			Cum	1	4	1.2	1.2	1.20	0.15	0.72	
		Nagalamma Temple Road									
		From Gentle wing shop to main road									
		LHS									
			Cum	1	4	1.4	1.4	1.40	0.15	0.84	12.65
									Total Executed Quantity	272.34	
									Qty Carried to Summary	272.34	

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR

PMC

26.02.201

ASSISTANT ENGINEER

26/2/2021

ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.06		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, and as per the directions of the Engineer-in-charge of the work Page-01-04 (Steel Calculation) → P.T.O									
Measurements taken on											
		For RCC Drain	tonne		1) From steel calculation					35.98	
		For CC Culvert	tonne		2) From steel calculation					4.58	
									Total Executed Quantity	40.55	
									Qty Carried to Summary	40.55	

26/2/21

CIVIL Pro Sig..... Date..... BANGALORE

26.02.2021

26/2/21

CONTRACTOR PMC ASSISTANT ENGINEER ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Anjanadri Layout and Surrounding Area in Ward No 06 Thanisandra

Client — Sri vinaya Builders Prop.Kumar Raju K No: 10 Gokuka Nilaya, Dhanalakshmi L/O,Opp Indian oil Petrol Bank, Thindlu Main, Road, Bangalore-97

PRE MEASUREMENT SHEET

First and Part Bill

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.6	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification for TMT bars Fe 500. (P.No.18. I.No.4.46.2)								
Measurements Taken On;	12-03-21, 15-03-21 10.03.2021								
	For RCC Drain								
	Anjanadri layout,Noor Mazidh road, 3rd cross								
	LHS								
	Main Bars(#12@150 c/c)	1	12	881	881	3.00	2644.00	0.88781	2347.38
	Distribution(15-#10)	1	10	15	15	132.20	1983.00	0.61654	1222.59
	4th cross from main road to dead end								
	LHS								
	Main Bars (#12@150 c/c)	1	12	769	769	3.00	2308.00	0.88781	2049.07
	Distribution(12-#10)	1	10	15	15	115.40	1731.00	0.61654	1067.23
	MNK Vidyakendra main road								
	LHS								
	Main Bars (#12@150 c/c)	1	12	691	691	3.10	2141.07	0.88781	1900.87
	Distribution(15-#10)	1	10	15	15	103.60	1554.00	0.61654	958.10
	Day care Tuition Road								
	LHS								
	Main Bars (#12@150 c/c)	1	12	1636	1636	3.40	5562.40	0.88781	4938.38
	Distribution(17-#10)	1	10	17	17	245.40	4171.80	0.61654	2572.07
	RHS								
	Main Bars (#12@150 c/c)	1	12	1861	1861	2.80	5209.87	0.88781	4625.39
	Distribution(14-#10)	1	10	14	14	279.10	3907.40	0.61654	2409.06

24090.14

CIVIL Pro

Scanned by CamScanner

SI NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	6th Cross Road CC Drain								
	From Main Road to Madaraja								
	Main Bars (#12@150 c/c)	1	12	310	310	2.70	837.00	0.88781	743.10
	Distribution(13-#10)	1	10	13	13	46.50	604.50	0.61654	372.70
	8th Cross Road								
	From Main Road to Dead end								
	RHS								
	Main Bars (#12@150 c/c)	1	12	175	175	2.65	462.87	0.88781	410.94
	Distribution(13-#10)	1	10	13	13	26.20	340.60	0.61654	209.99
	9th Cross Road								
	From Main Road to Dead end								
	Main Bars (#12@150 c/c)	1	12	175	175	2.70	471.60	0.88781	418.69
	Distribution(13-#10)	1	10	13	13	26.20	340.60	0.61654	209.99
	6th Cross, Cross Road								
	Main Bars (#12@150 c/c)	1	12	699	699	2.70	1886.40	0.88781	1674.77
	Distribution(14-#10)	1	10	14	14	104.80	1467.20	0.61654	904.58
	Nagalamma Temple Road								
	From Gentle wing shop to main road								
	Main Bars (#12@150 c/c)	1	12	1880	1880	2.70	5076.00	0.88781	4506.54
	Distribution(14-#10)	1	10	14	14	282.00	3948.00	0.61654	2434.09
							Sub Total		**35975.55**
	For Culvert								
	4th cross from main road to dead end								
	12# @130 c/c main bars	1	12	24	24	6.20	147.85	0.88781	131.26
	10# @150 c/c Distrubution bars	1	10	41	41	3.10	128.13	0.61654	79.00
	12# @130 c/c main bars	1	12	24	24	6.20	147.85	0.88781	131.26
	10# @150 c/c Distrubution bars	1	10	41	41	3.10	128.13	0.61654	79.00
	12# @130 c/c main bars	1	12	33	33	6.20	205.08	0.88781	182.07
	10# @150 c/c Distrubution bars	1	10	41	41	4.30	177.73	0.61654	109.58

C/F C

10/3/2024

11885.41

35975.55

712.17

CIVIL Pro
Sig.....
Date.....
BANGALORE

10.03.2024

10/3/2024

CONTRACTOR

PMC

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	MNK Vidyakendra main road								
	12# @130 c/c main bars	1	12	34	34	6.80	232.77	0.88781	206.66
	10# @150 c/c Distrubution bars	1	10	45	45	4.45	201.73	0.61654	124.38
	12# @130 c/c main bars	1	12	29	29	6.80	198.77	0.88781	176.47
	10# @150 c/c Distrubution bars	1	10	45	45	3.80	172.27	0.61654	106.21
	12# @130 c/c main bars	1	12	29	29	6.80	198.77	0.88781	176.47
	10# @150 c/c Distrubution bars	1	10	45	45	3.80	172.27	0.61654	106.21
	12# @130 c/c main bars	1	12	33	33	6.80	224.92	0.88781	199.69
	10# @150 c/c Distrubution bars	1	10	45	45	4.30	194.93	0.61654	120.18
	Day care Tuition Road								
	LHS								
	12# @130 c/c main bars	1	12	28	28	5.60	159.38	0.88781	141.50
	10# @150 c/c Distrubution bars	1	10	37	37	3.70	138.13	0.61654	85.16
	12# @130 c/c main bars	1	12	34	34	5.60	189.54	0.88781	168.27
	10# @150 c/c Distrubution bars	1	10	37	37	4.40	164.27	0.61654	101.28
	12# @130 c/c main bars	1	12	38	38	5.60	215.38	0.88781	191.22
	10# @150 c/c Distrubution bars	1	10	37	37	5.00	186.67	0.61654	115.09
	12# @130 c/c main bars	1	12	33	33	5.60	187.38	0.88781	166.36
	10# @150 c/c Distrubution bars	1	10	37	37	4.35	162.40	0.61654	100.13
	12# @130 c/c main bars	1	12	28	28	5.60	159.38	0.88781	141.50
	10# @150 c/c Distrubution bars	1	10	37	37	3.70	138.13	0.61654	85.16
	12# @130 c/c main bars	1	12	19	19	5.60	107.69	0.88781	95.61

2607.56

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR

RMC

ASSISTANT ENGINEER

10.03.2021

ASSISTANT EXECUTIVE ENGINEER

10/3/2021

Scanned by CamScanner

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	10# @150 c/c Distrubution bars	1	10	37	37	2.50	93.33	0.61654	57.54
	12# @130 c/c main bars	1	12	28	28	5.60	159.38	0.88781	141.50
	10# @150 c/c Distrubution bars	1	10	37	37	3.70	138.13	0.61654	85.16
	12# @130 c/c main bars	1	12	28	28	5.60	159.38	0.88781	141.50
	10# @150 c/c Distrubution bars	1	10	37	37	3.70	138.13	0.61654	85.16
	12# @130 c/c main bars	1	12	28	28	5.60	159.38	0.88781	141.50
	10# @150 c/c Distrubution bars	1	10	37	37	3.70	138.13	0.61654	85.16
	6th Cross, Cross Road								
	12# @130 c/c main bars	1	12	31	31	5.60	172.31	0.88781	152.98
	10# @150 c/c Distrubution bars	1	10	37	37	4.00	149.33	0.61654	92.07
	Nagalamma Temple Road								
	From Gentle wing shop to main road								
	LHS								
	12# @120 c/c main bars	1	12	50	50	4.00	200.00	0.88781	177.56
	10# @150 c/c Distrubution bars	1	10	27	27	6.00	160.00	0.61654	98.65
							Sub Total		**4578.53**
								TOTAL QTY IN KG'S	**40554.08**
								TOTAL QTY IN TONNE	**40.55**

38544

CIVIL Pro Sig..... Date..... BANGALORE

CONTRACTOR PMC ASSISTANT ENGINEER 10.03.2024 ASSISTANT EXECUTIVE ENGINEER 12/3/2024

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Anjanadri Layout and Surrounding Area in Ward No 06 Thanisandra

Pre Measurement Sheet

First amd part bill

Client: Sri vinaya Builders Prop.Kumar Raju K No: 10 Gokuka Nilaya, Dhanalakshmi L/O,Opp Indian oil Petrol Bank, Thindlu Main, Road, Bangalore-97

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth avg B	Depth (m)	Quantity	Remarks
Item no.03		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		18.02.2021									
		For Drain									
		Anjanadri layout,Noor Mazidh road, 3rd cross									
		From Mathapithrunilaya to main road									
		LHS									
0	9.5		Cum	1	9.5	1.40	1.40	1.4	1.05	13.97	
9.5	13.2		Cum	1	3.7	1.40	1.40	1.4	1.05	5.44	
13.2	28.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
28.2	43.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
43.2	58.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
58.2	73.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
73.2	88.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
88.2	103.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
103.2	118.2		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
118.2	132.2		Cum	1	14	1.40	1.40	1.4	1.05	20.58	
		4th cross from main road to dead end									
		LHS									
0	22		Cum	1	22	1.40	1.40	1.4	1.05	32.34	
22	25.1	Culvert Break									
25.1	34.8		Cum	1	9.7	1.40	1.40	1.4	1.05	14.26	
34.8	37.9	Culvert Break									
37.9	53.6		Cum	1	15.7	1.40	1.40	1.4	1.05	23.08	
53.6	57.9	Culvert Break									
57.9	72.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
72.9	87.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
87.9	102.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
102.9	117.9		Cum	1	15	1.40	1.40	1.4	1.05	22.05	
117.9	125.9		Cum	1	8	1.40	1.40	1.4	1.05	11.76	
		MNK Vidyakendra main road									
		LHS									
0	13		Cum	1	13	1.4	1.4	1.4	1.2	21.84	
13	18.8	No work house break									
18.8	23.25	New CC Culvert									
23.25	38.25		Cum	1	15	1.4	1.4	1.4	1.2	25.20	
38.25	53.25		Cum	1	15	1.4	1.4	1.4	1.2	25.20	
53.25	68.85		Cum	1	15.6	1.4	1.4	1.4	1.2	26.21	
68.85	72.65	New CC Culvert									

462.42

CONTRACTOR

CIVIL Pro Sig..... Date..... BANGALORE PMC

18.02.2021 ASSISTANT ENGINEER

18/2/21 ASSISTANT EXECUTIVE ENGINEER

Scanned by CamScanner